

CLAIMS

1. A laminate comprising

(1) a layer of a tetrafluoroethylene copolymer comprising 30 to 81 % by mole of tetrafluoroethylene and 70 to 19 % by mole of at least one other monomer and having a carbonate group in a polymer chain or at a polymer chain terminal, which has a melt flow rate of 0.1 to 100 g/10 minutes (230°C, 5 kg-load) and a melting point of 90 to 230°C,

(2) a layer of an ethylene-vinyl acetate copolymer formed on one surface of the layer (1), which satisfies the following relationship:

$$X \times Y/100 \geq 7.0$$

wherein X is a vinyl acetate content (% by mole) and Y is a saponification degree of a methyl ester (%), and

(3) a layer of a polyolefin resin formed on the layer (2).

2. The laminate according to claim 1, wherein said tetrafluoroethylene copolymer of the layer (1) has a melt flow rate of 0.1 to 100 g/10 minutes (200°C, 5 kg-load) and a melting point of 90 to 200°C is preferably used.

3. The laminate according to claim 1 or 2, wherein said tetrafluoroethylene copolymer comprises 40 to 81 % by mole of tetrafluoroethylene and 60 to 19 % by mole of other monomer.

4. The laminate according to any one of claims 1 to 3, wherein said tetrafluoroethylene copolymer has a melt flow rate of 1.0 to 100 g/10 minutes.

5. The laminate according to any one of claims 1 to 3, wherein said tetrafluoroethylene copolymer has a melt flow rate of 1.0 to 50 g/10 minutes.

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6. The laminate according to any one of claims 1 to 5, wherein said tetrafluoroethylene copolymer has a critical shear rate of 10 to 10^3 sec^{-1} at 230°C .

7. The laminate according to any one of claims 1 to 6, wherein
5 said tetrafluoroethylene copolymer comprises tetrafluoroethylene, ethylene, a fluorovinyl compound of the formula (I):



wherein Rf is a fluoroalkyl group having 2 to 10 carbon atoms,
10 and hexafluoropropylene, in which a molar ratio of tetrafluoroethylene to ethylene is from 40:60 to 90:10, the content of said fluorovinyl compound is from 0 to 10 % by mole (based on the whole copolymer) and the content of hexane is from 0 to 30 % by mole (based on the whole copolymer).

15 8. The laminate according to any one of claims 1 to 7, wherein said ethylene-vinyl acetate copolymer has a vinyl acetate content X (% by mole) and a saponification degree Y (%) of a methyl ester satisfy the following relationship:

$$X \times Y/100 \geq 10.0.$$

20 9. The laminate according to any one of claims 1 to 8, wherein said ethylene-vinyl acetate copolymer has a melt flow rate (200°C , 5 kg-load) of 0.5 to 100 g/10 minutes.

10. A tubular member comprising a laminate according to any one of claims 1 to 9.

25 11. The tubular member according to claim 10, which is a tube for fuels.

12. A container comprising a laminate according to any one of claims 1 to 9.

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14. A film comprising a laminate according to any one of claims 1 to 9.

15. A sheet comprising a laminate according to any one of claims 1 to 9.

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